

Indy ORF

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Fig 1

MEIEIGEQQPPVKCSNFFANHWKGLVVFLVPLLCLPVMLLNEGAEFRM
YLLLVMAlFWVTEALPLYVTSMIPIVAFPIMGIMSSDQTCRLYFKDTLVM
FMGGIMVALAVEYCNLHKRLALRVIQIVGCSPRRLHFGLIMVTMFLSMWI
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PTFMFYSVPSMLVYTLLTFVFLQWHFMGLWRPKSKEAQEVQREGADVA
KKVIDQRYKDLGPMSEHEIQVMILFIFMVVMYFTRKPGIFLGWADLLNSK
DIRNSMPTIFVVVMCFMLPANYAFLRYCTRRGGPVPTGPTPSLITWKFIQ
TKVPWGLVFLGGSFALAEGSKQSGMAKLIGNALIGLKVLPNSVLLLVVI
LVAVFLTAFSSNVAIANIIPVLAEMSLAIEIHPLYLILPAGLACSMFAH
LPVSTPPNALVAGYANIRTKDMAIAGIGPTIITIITLFFVFCQTWGLVVYP
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SECRET

Fig 2

Map of the *Indy* region

(including 5 different P-element insertional alleles.)

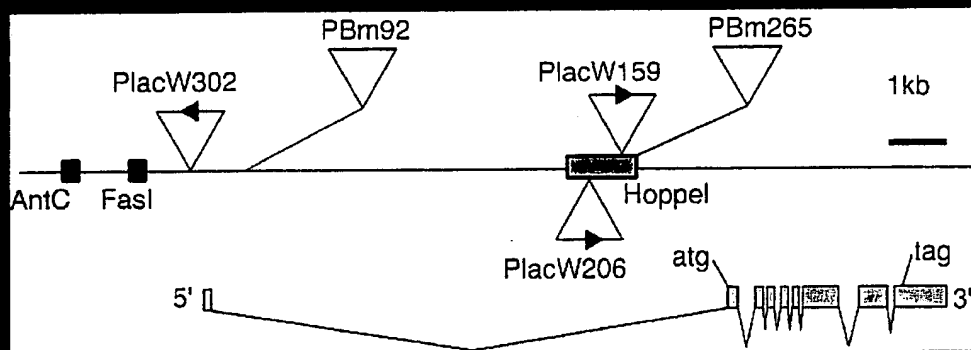


Fig 3

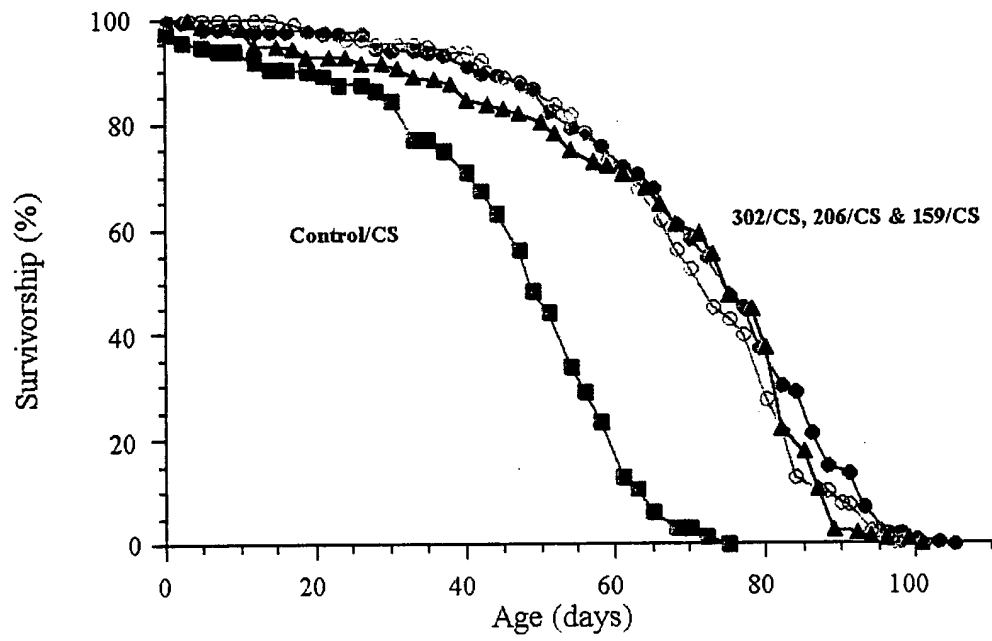


Fig 4

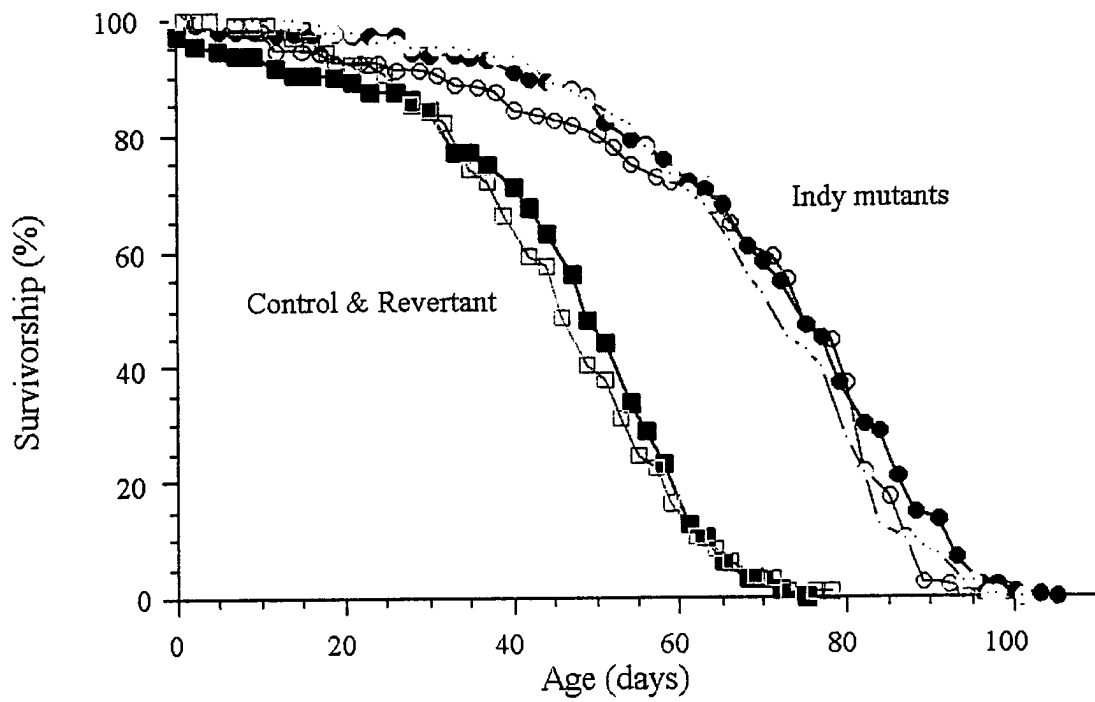


Fig 5

Survivorship for females heterozygous for 206 (206-*Hk*)
or 1085 control (control-*Hk*) enhancer trap line in a
Hyperkinetic background at 25°C

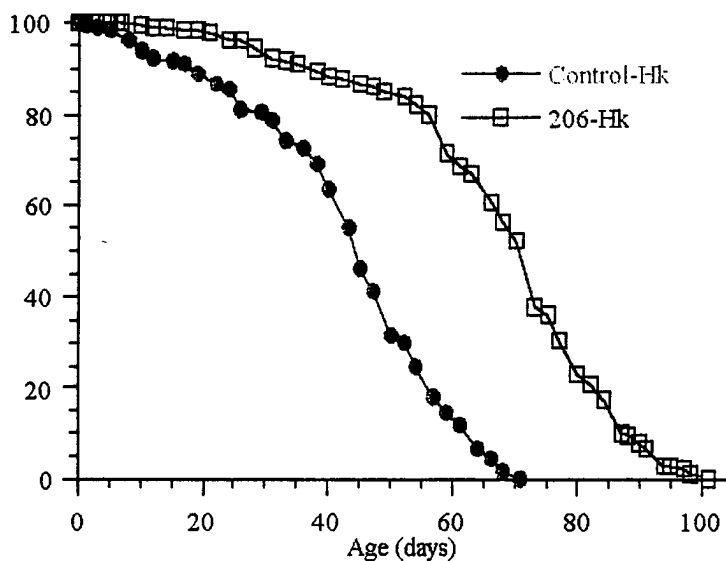


Fig 6

Survivorship for males from the Luckinbill long-lived line (1L6)
and heterozygous for the 206, 1085, wg and Luckinbill 1L6 line at
25°C

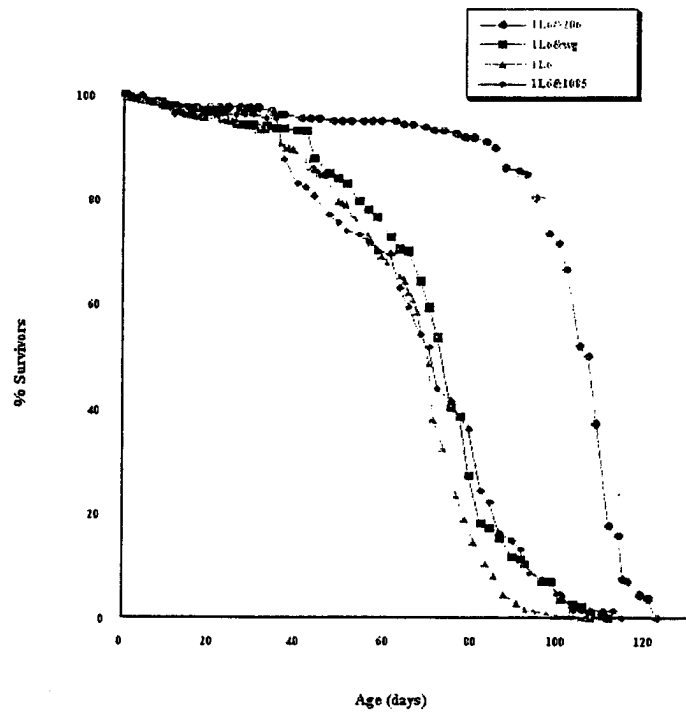


Fig 7

Indy has a slower rate of “aging”

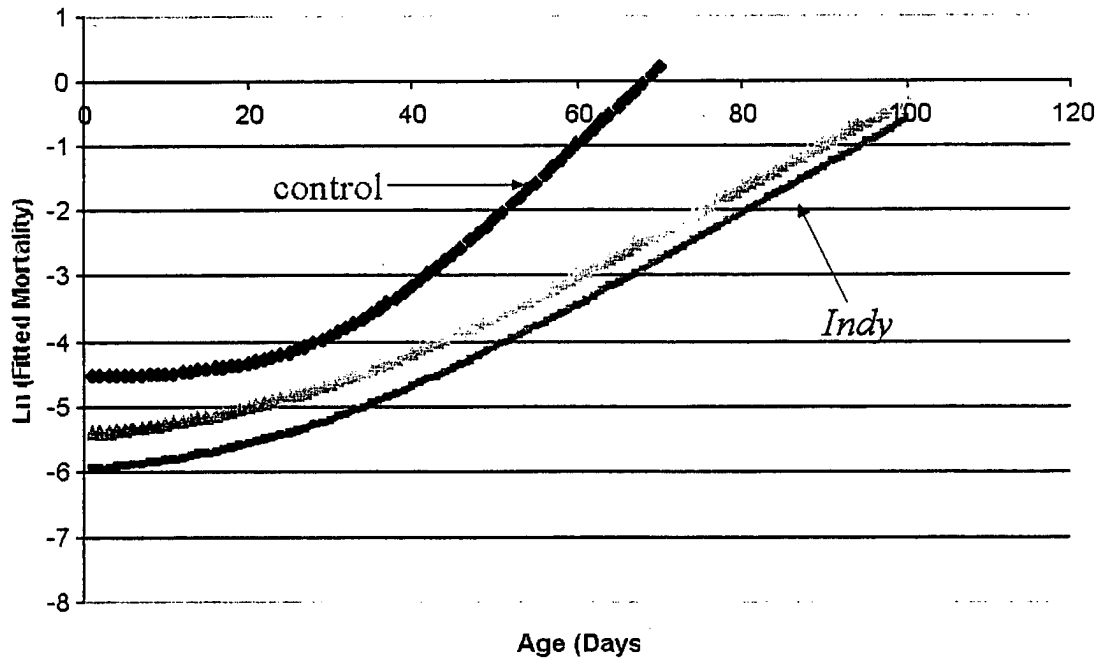


Fig 8

[illegible]

Fig 9

Model of Sodium Dicarboxylate Cotransporter

(human, rat, rabbit, mouse from Pajor, 1999 & 2000.)

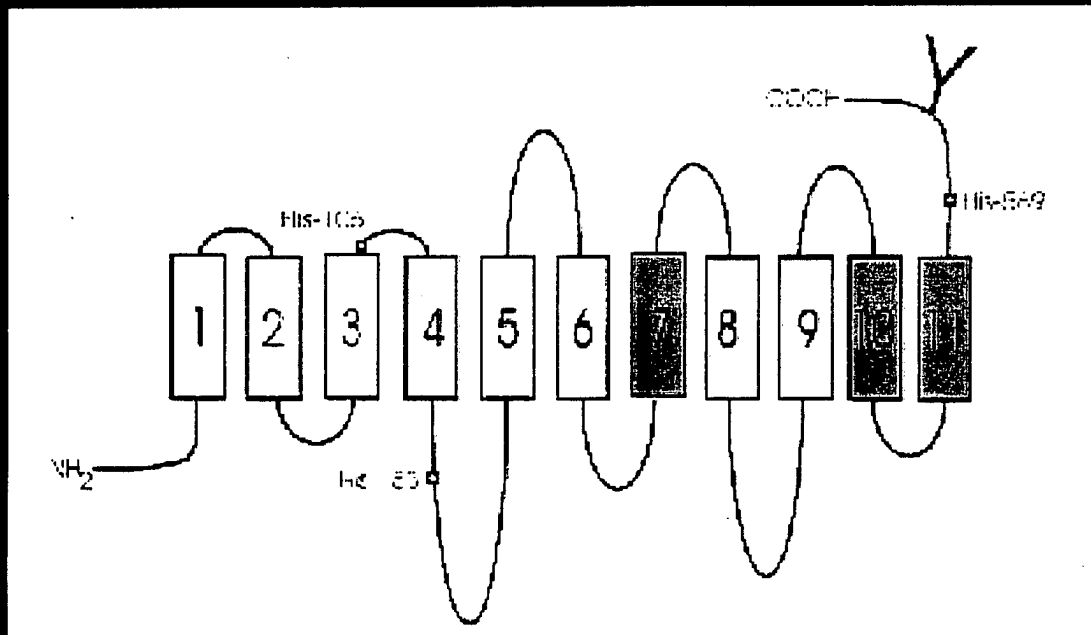


Fig 10

10017479-12104

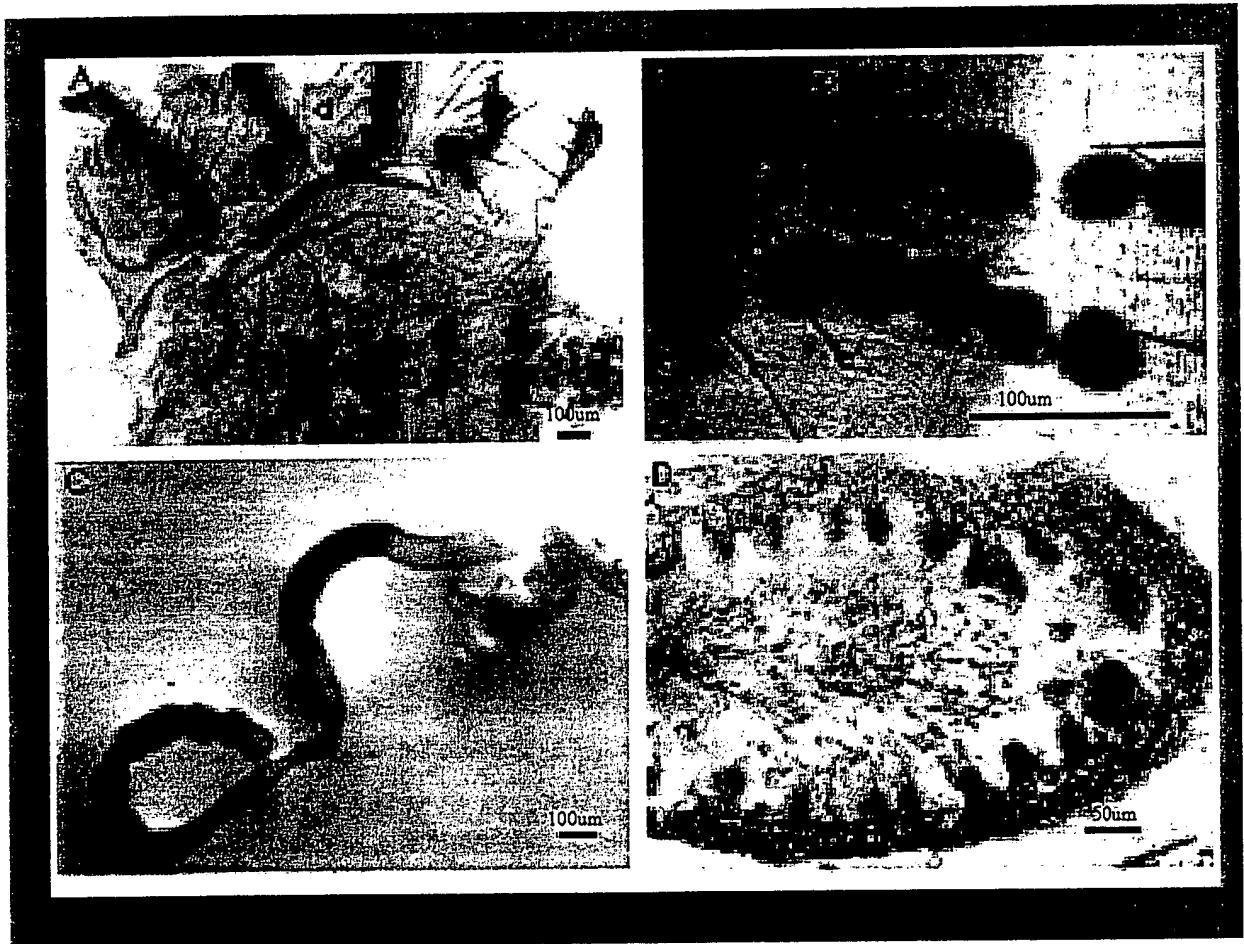


Fig 11

Subcellular localization of INDY protein

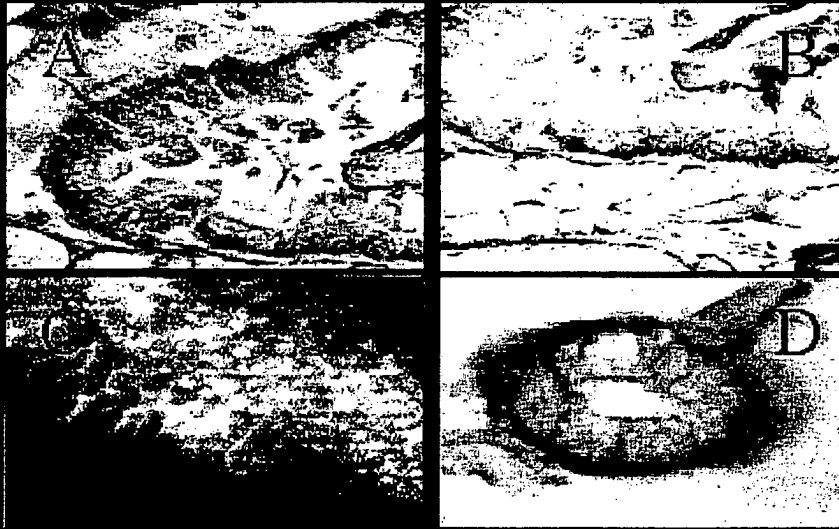


Fig 12

INDY transports dicarboxylic acids in the frog oocyte system.

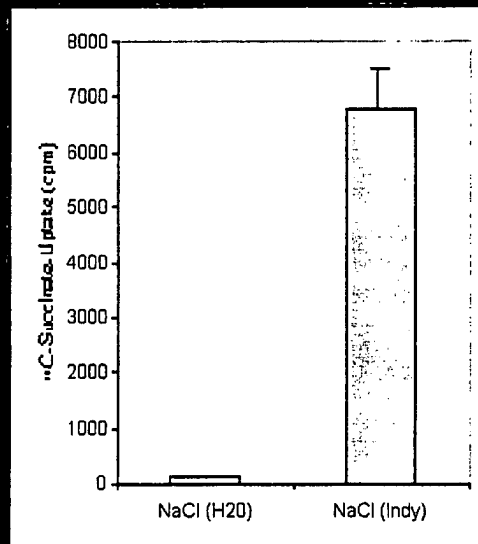


Fig 13

INDY selectively transports succinate, citrate, alpha-ketoglutarate, and fumarate (like the mammalian transporter)

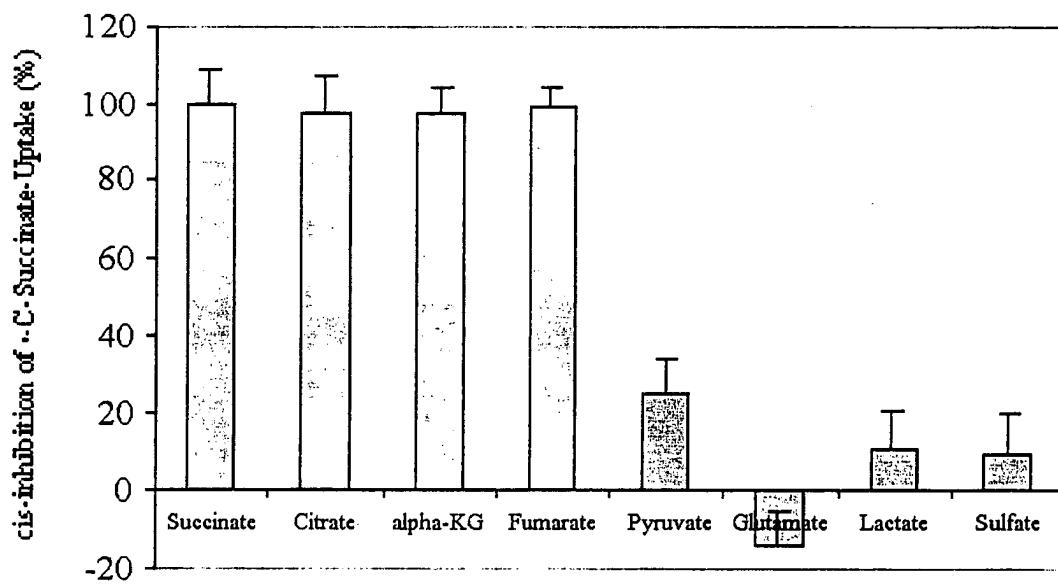


Fig 14

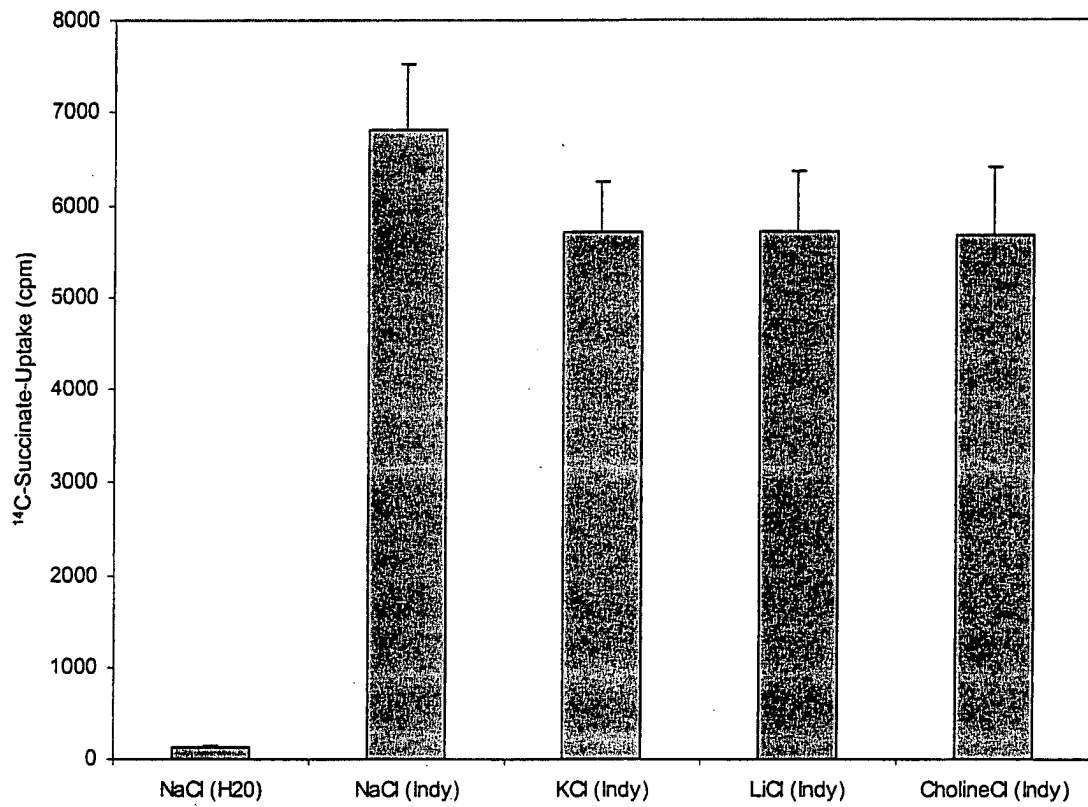


Fig 15

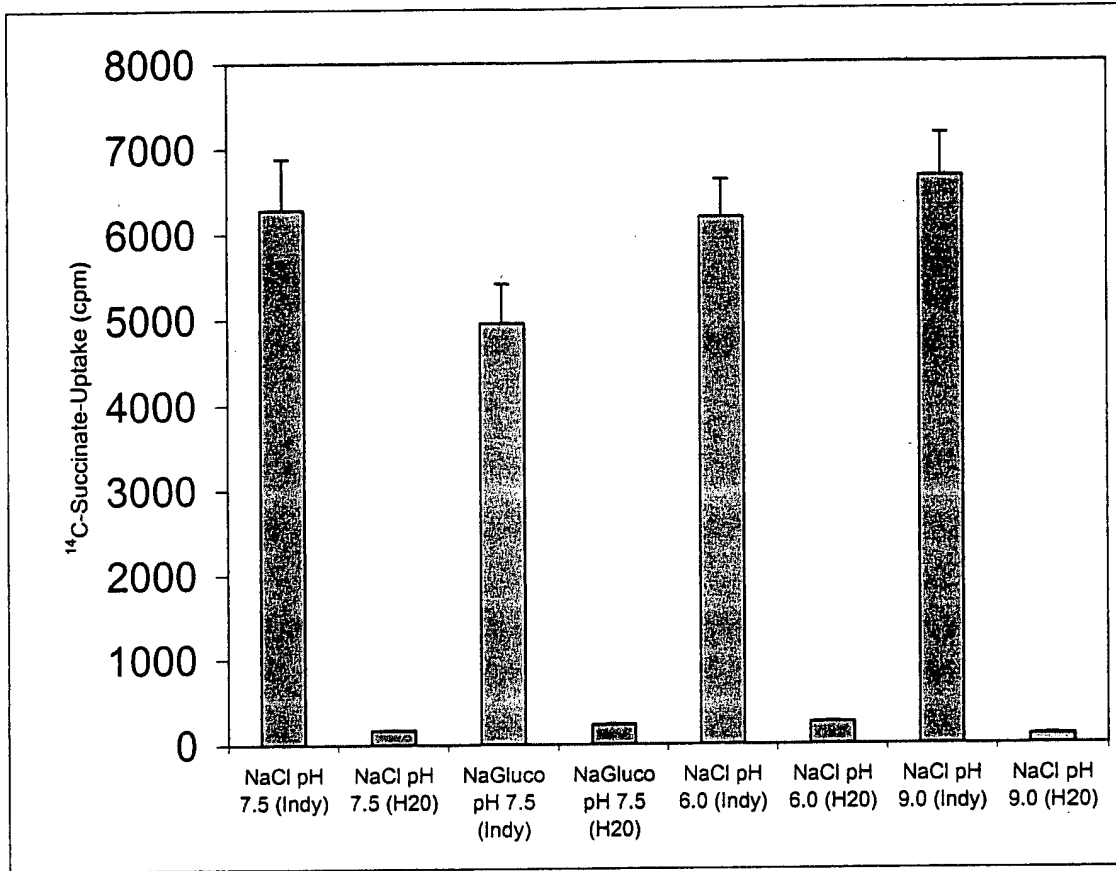


Fig 16

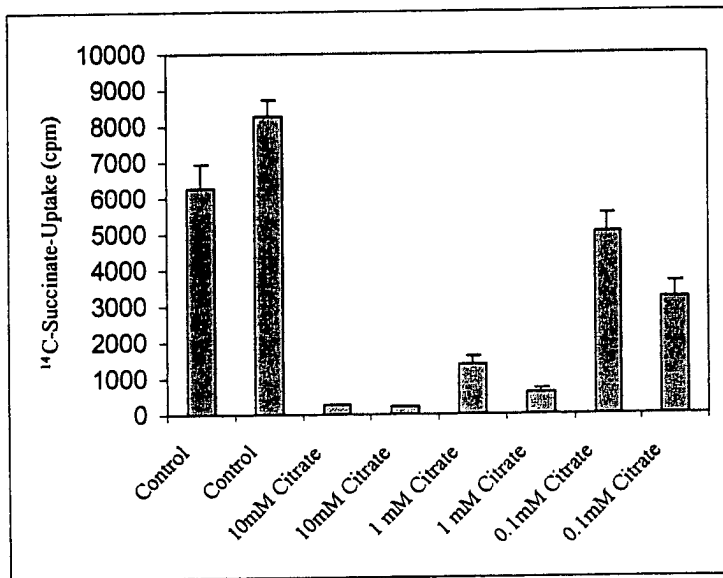


Fig 17

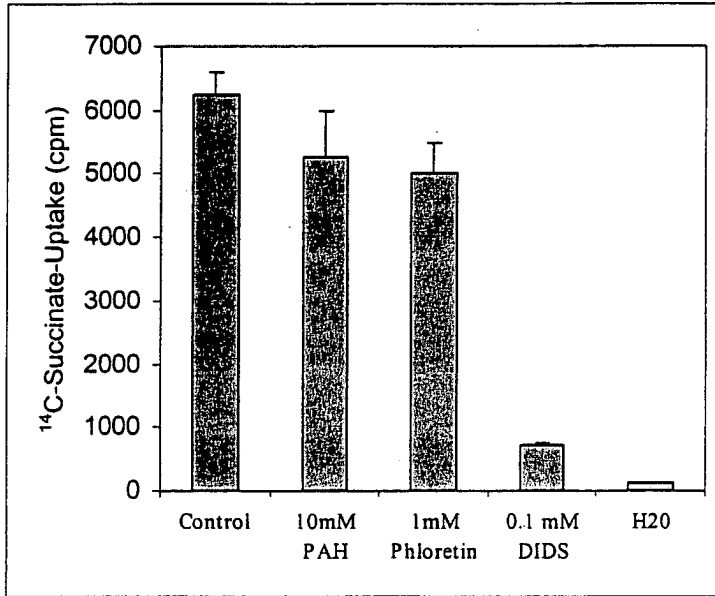


Fig 18

Fertility of *Indy* mutants is not reduced. (high calorie conditions)

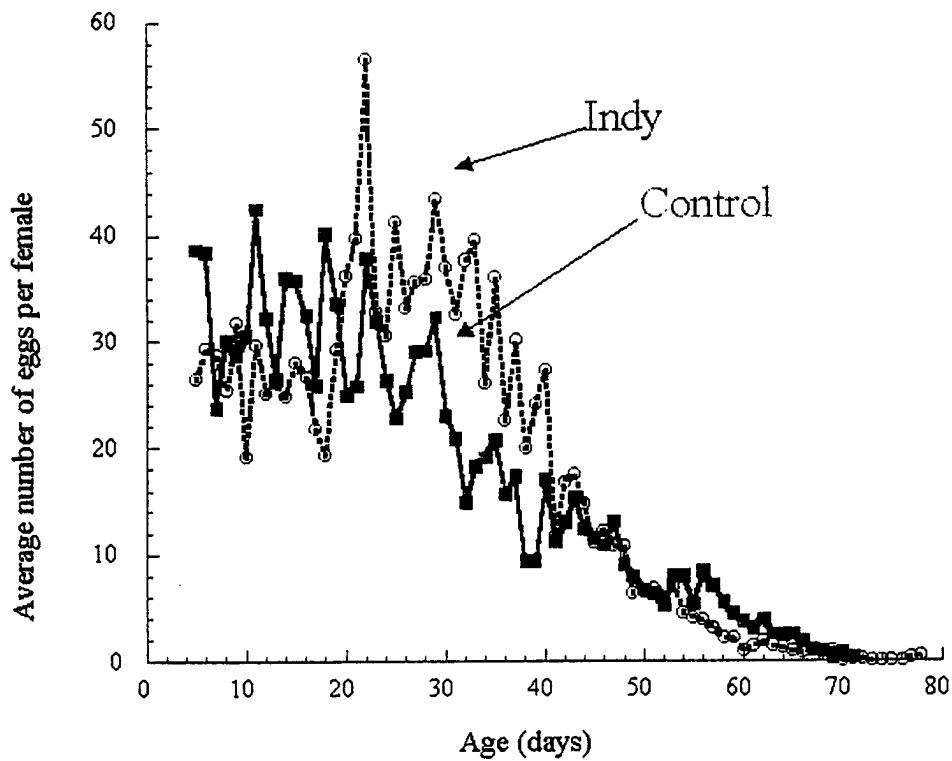


Fig. 19

Indy egg production is reduced under low calorie conditions.

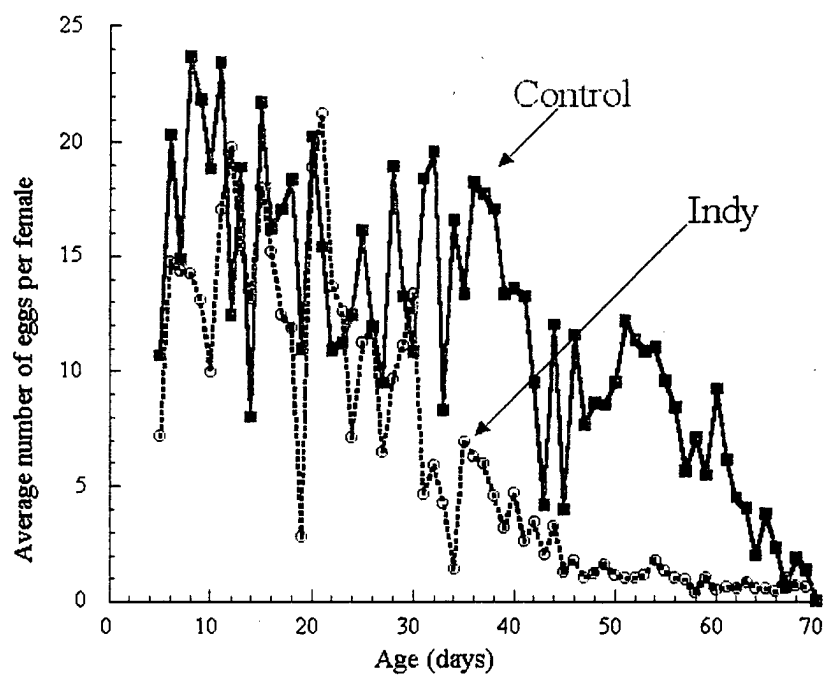


Fig 20

Reducing calories increases life span.

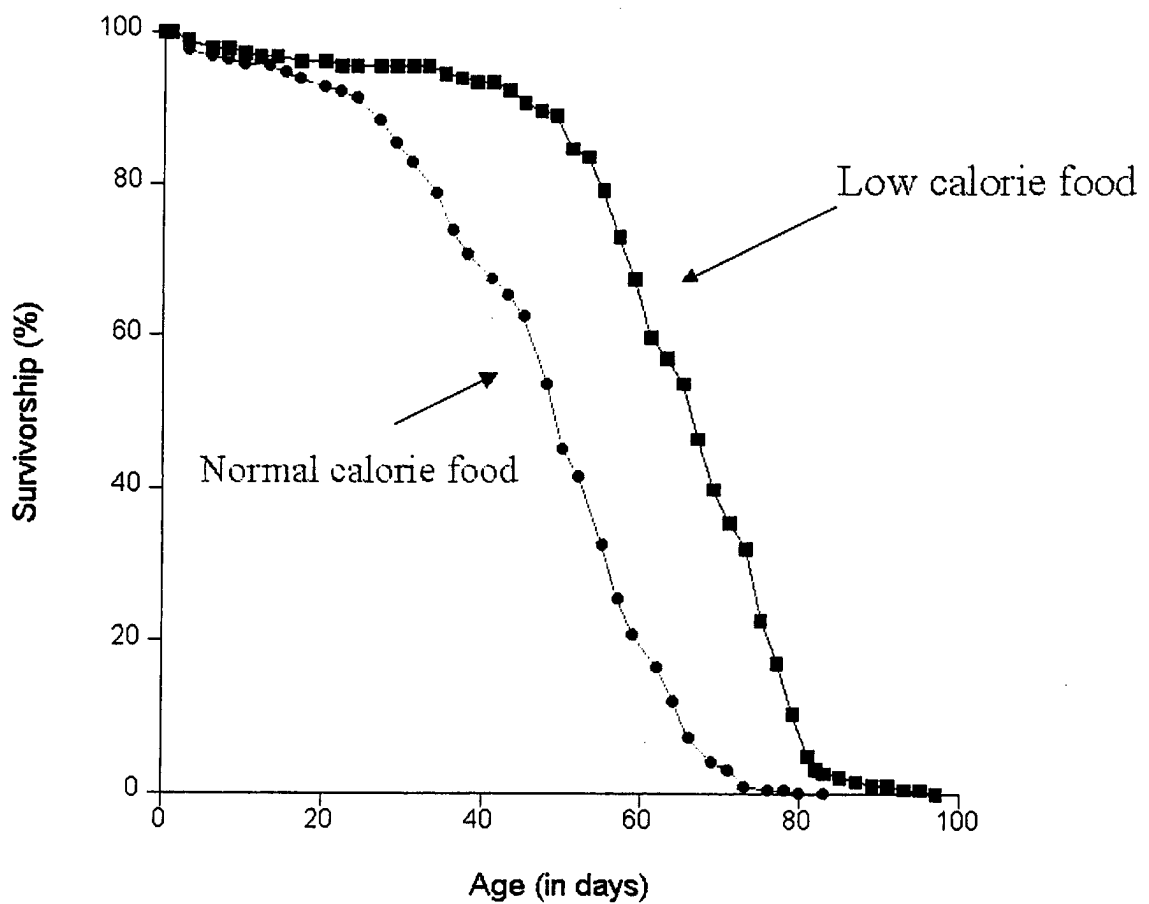


Fig 21

Reducing calories decreases *Indy/Indy* life span

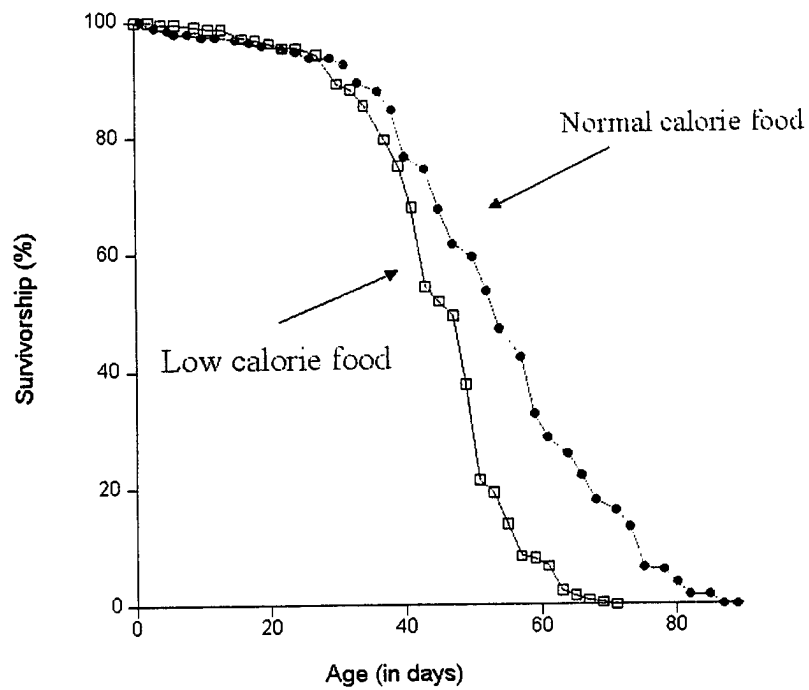


Fig22